



LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES	
AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

- CONSTRUCTION DETAILS**
- A. INSTALL CONCRETE FOUNDATION WITH 27 FT. MAST ARM POLE WITH 50 FT. MAST ARM, SIGNAL HEADS, 15 FT. LIGHTING BRACKET ARM WITH 250 WATT HIGH PRESSURE SODIUM VAPOR LAMP AND LUMINAIRE (PHOTOCELL), AND VIDEO DETECTION CAMERA (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
 - B. INSTALL CONCRETE FOUNDATION WITH 27 FT. MAST ARM POLE WITH 50 FT. MAST ARM, SIGNAL HEADS, VIDEO DETECTION CAMERA, AND SIGN (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
 - C. INSTALL VIDEO INTERFACE EQUIPMENT AND 2 NEMA LOAD SWITCH FOR PHASE 1 & 3 INTO EXISTING BASE MOUNTED CABINET
 - D. USE EXISTING LOOP DETECTOR
 - E. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED
 - F. USE EXISTING HANDHOLE
 - G. INSTALL HANDHOLE
 - H. USE EXISTING CONDUIT (REMOVE ALL UNUSED CABLES FROM CONDUITS)
 - J. INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED
 - K. INSTALL MICRO LOOP PROBES
 - L. INSTALL 24 IN. WHITE, HEAT APPLIED, PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
 - M. INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - SLOTTED
 - N. REMOVE EXISTING SIGNAL POLE AND FOUNDATION 12" BELOW GRADE, ALONG WITH ALL ATTACHED EQUIPMENT
 - P. REMOVE EXISTING HANDHOLE
 - Q. CAP AND ABANDON EXISTING CONDUIT
 - R. REMOVE EXISTING STREET LIGHTING STRUCTURE AND FOUNDATION, 12" BELOW GRADE / BACKFILL.
 - S. REMOVE EXISTING SIGN AND WOOD SUPPORT
 - T. REMOVE EXISTING PAVEMENT MARKING (SEE PAVEMENT MARKING PLAN)
 - U. INSTALL 1 IN. GALVANIZED STEEL ELECTRICAL CONDUIT SLEEVE FOR DETECTOR LEAD-INS
 - V. INSTALL WOOD SUPPORT WITH R4-7 SIGN (SEE SIGNING AND PAVEMENT MARKING PLAN)
 - W. USE EXISTING SIGNAL STRUCTURE, REMOVE EXISTING SIGNALS AND SIGN. INSTALL NEW L.E.D. HEADS, VIDEO DETECTION CAMERA, 15 FT. LIGHTING BRACKET ARM WITH 250 WATT HIGH PRESSURE SODIUM VAPOR LAMP, LUMINAIRE, AND SIGN AS SHOWN
 - X. DISCONNECT EXISTING LOOP DETECTOR

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APPROVALS	
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS	
NO.	DESCRIPTION
1	ADD FOURTH LEG, SIGNALS, AND DETECTION
2	SH.A. NO. BW98M82
MR	SR

SHA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION	
TRAFFIC SIGNAL PLAN MD 22 AND MIDDLETON ROAD ABERDEEN, MD	
SCALE 1"=20'	DATE 02-26-1997
DESIGNED BY JOHN DIRNDORFER	COUNTY HARFORD
DRAWN BY FRANK HOECKEL	LOGMILE 12002210.50
CHECKED BY MICKY RUCKER	T.I.M.S. NO. I-993
F.A.P. NO. N/A	TOD NO.
DRAWING NO. TS-3608 A	SHEET NO. 1 OF 3
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